

Quiz 4 (out of 10)

Student name: ..

.....Student ID#...

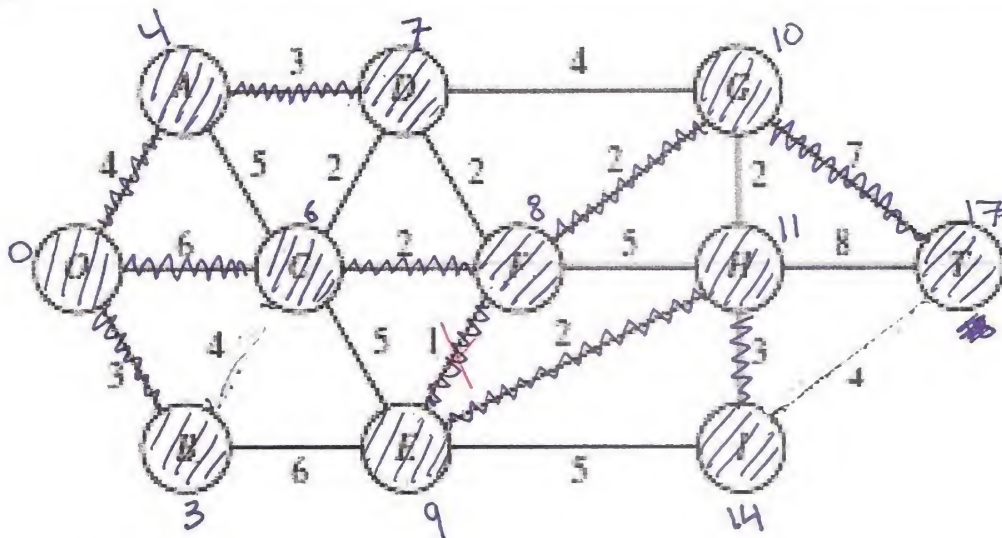
..... Section: 1

NOTES:

1. Show all details of your answer.
2. Return a clean copy (without draft).

Exercise:

Find the *shortest path* through the following network, where the numbers represent actual distances between the corresponding nodes. Node O represents the origin and node T represents the destination.



Optimal solution is, this path

O → C → F → G → T

the destination is 17 ✓